

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	3	((("3396103") or ("6563994"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/18 13:30
S1	5	((("4001344") or ("4112007") or ("3894967") or ("5356851") or ("6127310"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/09 08:23
S2	6	((("4001344") or ("4112007") or ("3894967") or ("5356851") or ("6127310") or ("4243516"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/09 08:24
S3	4	((("4175871") or ("3407046") or ("4911847"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/09 08:40
S4	16	("2711436" "2970817" "3343781" "3831907" "3924836").PN. OR ("4175871").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/11/09 08:41
S5	13714	((b01f7/28) or (b01f7/00) or (b01f15/06) or (b01j19/18) or (b01j10/02)).IPCR.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/11/09 08:48
S6	2066	S5 and (mixer or mixing) with (rotating or rotation)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/11/09 08:49
S7	547	S6 and inner with outer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/11/09 08:49

S8	385	S7 and @ad<"20040806"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/11/09 08:50
S9	125	S8 and (reactor or reaction)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/11/09 08:54
S10	9	("4339206" "4416548" "4577974" "4834547" "5088831").PN. OR ("5466334").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/11/09 09:04
S11	1507	(422/225).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/09 09:07
S12	351	S11 and @ad<"20040806"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/11/09 09:07
S13	613	S11 and (rotation or rotating or shaft)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/11/09 09:08
S14	268	S12 and (rotation or rotating or shaft)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/11/09 09:08

S15	3	S14 and (inner and outer) (layer or shell or member or tube)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/11/09 09:08
S16	4	S14 and (inner and outer) (layer or shell or member or tube)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/11/09 09:08
S17	2	S14 and non circular	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/11/09 09:09
S18	192457	(mixer or mixing) with (vessel or reactor or apparatus)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/11/09 09:15
S19	3628	366/241,244,245,247,249,251,276,278,279.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/11/09 09:19
S20	1801	422/225,227,229.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/11/09 09:20

S21	5406	S19 or S20	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/11/09 09:20
S22	1047	S21 and S18	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/11/09 09:20
S23	624	S22 and @ad<"20040806"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/11/09 09:20
S24	351	S23 and (reactor or reaction)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/11/09 09:20
S25	59	S24 and (ellip\$4 or triangle or square or polygon or wave-like)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/11/09 09:21
S26	25	morbidelli-massimo.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/11/09 09:35

S27	393205	(cylindrical or cylinder) with (vessel or apparatus or reactor or mixer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/11/09 09:37
S28	41434	(cylindrical or cylinder) with (vessel or apparatus or reactor or mixer) with (rotating or rotation)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/11/09 09:38
S29	6080	S28 and (gap or space) with (surface)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/11/09 09:39
S30	2	S28 and (gap or space) with (surface) with cross section with (non-circular or non-constant)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/11/09 09:40
S31	1165	S28 and cross section with (triangular or triangle or pentagonal or square or elliptic or polygon)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/11/09 09:42
S32	695	S31 and @ad<"20040806"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/11/09 09:42

S33	200	S31 and (mixer or mixing)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/11/09 09:42
S34	133	S32 and (mixer or mixing)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/11/09 09:44
S35	3628	366/241,244,245,247,249,251,276,278,279.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/11/09 09:49
S36	1801	422/225,227,229.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/11/09 09:49
S37	888	(422/135 or 366/71).ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/11/09 09:49
S38	6177	S35 or S36 or S37	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/11/09 09:49

S39	937	S38 and (mixer or mixing) near (device or vessel or reactor or apparatus)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/11/09 09:50
S40	5	S39 and (shaft or screw) with (non-constant or non-circular or triangle or square or polygon or irregular) near cross section	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/11/09 09:51
S41	8	S39 and (shaft or screw) with (non-constant or non-circular or triangle or square or polygon or irregular) with cross section	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/11/09 09:51
S42	40	S39 and (non-constant or non-circular or triangle or square or polygon or irregular) with cross section	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/11/09 09:52
S43	25	("0051160" "0377443" "0448375" "0654961" "0816887" "0823612" "0959726" "1039779" "1708493" "2243317" "3337191" "3544081" "4104737").PN. OR ("5839827").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/11/09 09:55
S44	25	S39 and (non-constant or non-circular or triangle or square or polygon or irregular) with (screw or shaft)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/11/09 09:56

S45	17	S44 not S42	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/11/09 09:57
S46	28	S39 and (non-constant or non-circular or triangle or square or polygon or irregular) with (blade or rotation)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/11/09 09:59
S47	26	("0019827" "0095075" "0135281" "0470210" "0764157" "1276383" "1584562" "1845329" "3081983" "3858855" "3917235").PN. OR ("5030011").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/11/09 09:59
S48	6	S39 and (cross section) with (screw or revolving shaft)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/11/09 10:02
S49	36084	(mixing with (device or vessel or reactor or apparatus)).ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/11/09 10:03
S50	355	S49 and (rotation or rotating) with (inner and outer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/11/09 10:04

S51	0	S49 and (rotation or rotating) with (inner and outer) with (cross section surface)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/11/09 10:04
S52	6	S49 and (rotation or rotating) with (inner and outer) with (cross section)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/11/09 10:04
S53	204	S50 and @ad<"20040806"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/11/09 10:05
S54	16	("2711436" "2970817" "3343781" "3831907" "3924836").PN. OR ("4175871").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/11/09 10:11
S55	0	revolving shaft with triangular with cross section and mixer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/11/09 11:14
S56	192457	(mixer or mixing) with (vessel or reactor or apparatus)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/11/09 11:15

S57	3628	366/241,244,245,247,249,251,276,278,279.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/11/09 11:15
S58	1801	422/225,227,229.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/11/09 11:15
S59	5406	S57 or S58	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/11/09 11:15
S60	1047	S59 and S56	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/11/09 11:15
S61	190	S60 and (tube or rod or core) with rotat\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/11/09 11:16
S62	118	S61 and @ad<"20040806"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/11/09 11:16

S63	0	GB-931590\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/11/09 11:28
S64	0	GB931590\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/11/09 11:28
S65	0	GB-0931590\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/11/09 11:28
S66	5	"931590".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/11/09 11:28
S67	2	gb-2103229\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/11/09 11:29
S68	2456	inner surface with outer surface with (rotat\$3) with (coaxial \$3 or axial\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/11/09 11:30

S69	24	inner surface with outer surface with (rotat\$3) with (coaxial\$3 or axial\$3) same (mixer or mixing)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/11/09 11:31
S70	0	("3606268").URPN.	USPAT	ADJ	ON	2010/11/09 11:58
S71	0	("3606268").URPN.	USPAT	ADJ	ON	2010/11/09 11:58
S72	33718	inner with outer with (rotat\$3) with (coaxial\$3 or axial\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/11/09 11:59
S73	559	inner with outer with (rotat\$3) with (coaxial\$3 or axial\$3) same (mixer or mixing or agitating)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/11/09 12:00
S74	208	S73 and @ad< "20040806"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/11/09 12:00
S75	205	S74 not S62	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/11/09 12:00
S76	219	Lamina\$2 mixing	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/11/12 10:11

S77	246	Lamina\$2 (mixing or mixer)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/11/12 10:11
S78	143	S77 and @ad<"20040806"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/11/12 10:12
S79	37	S78 and (inner with outer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/11/12 10:12
S80	6	S78 and (inner with rotat\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/11/12 10:12
S81	6	((("2969960") or ("2970817") or ("3420506"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/12 10:16
S82	11	("20020031318" "4022855" "4655605" "4875917" "5059375" "5253323" "5363746" "5382448" "5593621" "6267915" "D323513").PN. OR ("6563994").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/11/12 11:01
S83	103415	inner with outer with (element or member or surface) with (rotat\$4)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/11/12 11:10
S84	234	inner with outer with (element or member or surface) with (rotat\$4) same reactor	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/11/12 11:10
S85	540	inner with outer with (element or member or surface) with (rotat\$4) same (reactor or mixer)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/11/12 11:11

S86	190	S85 and @ad<"20040806"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/11/12 11:11
S87	44	("2670188" "3195868" "3347528" "3407438" "3490750" "3719350" "4236833" "4299499" "4650338").PN. OR ("4752135").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/11/12 11:14
S88	134	inner with outer with (container) with (rotat\$4) with rod	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/11/12 11:28
S89	128	S76 and @ad<"20040806"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/11/12 11:28
S90	76	S76 and reactor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/11/12 11:28
S91	3	"3355382".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/11/12 11:41
S92	3	"3396103".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/11/12 11:43
S93	6	((("3400074") or ("3821108") or ("3830372") or ("3849305"))). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/12 11:45

S94	64808	rotor near2 stator	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/11/12 12:11
S95	287	rotor near2 stator with reactor	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/11/12 12:11
S96	180	rotor near2 stator with (triangle or polygon\$3)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/11/12 12:11
S97	101	S96 and @ad<"20040806"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/11/12 12:11
S98	0	S97 and polymerization	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/11/12 12:12
S99	1	S97 and reactor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/11/12 12:12

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